June 13th 2023

GRADUATE SYMPOSIUM

2023 CGA

Join us!

MPI for Biology of Ageing Auditorium, Cologne

CGA 2019 Class Graduating Talks

Opening Remarks		**9:00**
Brüning Lab	**Daria Wnuk-Lipinski**	**9:20**
Steculorum Lab	**André Carvalho**	**9:45**
Brüning Lab	**Marvin Feldmann**	**10:10**
Bergami Lab	**Meret Cepero Malo**	**10:35**
	Vincent Prévot	**11:00**

Université de Lille, CHU Lille, Inserm (Lille, France)

Lunch		**12:00**
Von Karstedt Lab	**Sofya Tishina**	**13:00**
Trifunovic Lab	**Harshita Kaul**	**13:25**
Demetriades Lab	**Jiyoung Pan**	**13:50**
	Vera Gorbunova	**14:15**

University of Rochester, Rochester, NY (USA)

Coffee Break		**15:00**
Antebi Lab	**Eugen Ballhysa**	**15:30**
Pernas Lab	**Chahat Mehra**	**15:55**
Vílchez Lab	**Saygin Bilican**	**16:20**
Hoppe Lab	**Sotirios Efstathiou**	**16:45**
	Rene Ketting	**17:10**

Institute for Molecular Biology (Mainz, Germany)

Closing Remarks		**17:55**

1. Neurobiology

The role of the POMC Short Transient Receptor Potential Channel 5 (TrpC5) in regulating temperature and energy homeostasis.

Exploring the role of UDP as a novel modulator of midbrain dopaminergic neurons activity.

Unravelling tanycyte-neuron interactions.

Deciphering the role of mitochondria in competition dynamics during adult hippocampal neurogenesis.

New Horizons: Gonadotropin-releasing hormone and Cognition.

2. Age-related diseases and Metabolism

Oncogenic KRAS induces necroptotic priming in pancreatic neoplasia.

ISR mediated regulation of brown adipose tissue metabolism upon mild mitochondrial dysfunction.

Genome-wide RNAi screen identifies RIPK2 as a novel mTORC1 regulator.

Mechanisms of Aging: from naked mole rats to whales.

3. Proteostasis, Development and Immunity

Deciphering the interplay between cGAS/STING signalling, inflammation and vertebrate healthspan.

Communication and contact between pathogens and host organelles.

Investigating the changes of G3BP1-interactome in C9ORF72-mediated ALS.

ER-associated RNA silencing promotes ER quality control.

Molecular mechanisms in RNA interference.